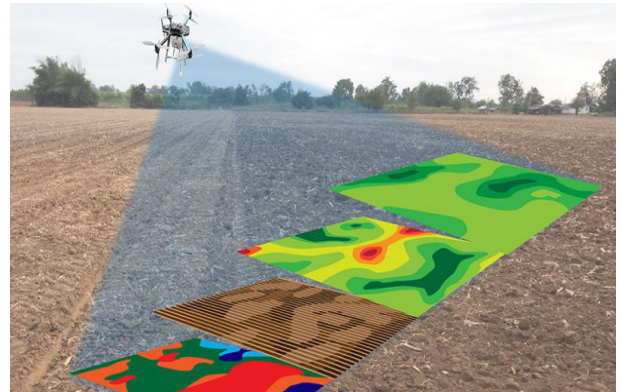


UAS and Remote Sensing in Agriculture

This course provides an introduction to the fundamentals of remote sensing and Unmanned Aerial Systems (UAS), and their applications in production agriculture.

- Understand basic concepts on the use of UAS for data acquisition, and image processing, analysis and interpretation
- Understand Federal Aviation Administration (FAA) regulations and rulemaking for UAS, mission planning, UAS types and remote sensing technologies
- Prepare for remote pilot certification
- Gain hands-on experiences on the use of UAS, processing and analyses of UAS acquired images, and their application in agriculture



Course Details

*Offered Spring 2021
3 Credit Hours*



Class Times

*Lecture: T/Th 9:35-10:30 a.m.
(Remote Learning)
Lab: Fri 1:05-2:55 p.m.
(Remote Learning, some IP)*



Prerequisites

*Junior Standing or permission
from the instructor*



More Info...

*Contact Dr. Sami Khanal
for more information:
khanal.3@osu.edu*